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graph TD; START([START]) --> 100[Obtain a Customer Request]; 100 --> 105[Generate Candidate Itinerary Based on Customer Request]; 105 --> 110[Collect Flight Availability Information for Candidate Itinerary]; 110 --> 120{Candidate Itinerary Available?}; 120 -- No --> 125[Determine Probability Candidate Itinerary Will Become Available]; 125 --> 140[Advise Requestor of the Availability of Candidate Itinerary]; 120 -- Yes --> 130[Determine Duration and Probability Candidate Itinerary will Remain Available]; 130 --> 140; 140 --> END([END]);
```

The flowchart illustrates a method for determining the availability of a candidate itinerary. It begins with a **START** terminal, leading to step **100: Obtain a Customer Request**. This is followed by step **105: Generate Candidate Itinerary Based on Customer Request**, then step **110: Collect Flight Availability Information for Candidate Itinerary**. A decision diamond **120: Candidate Itinerary Available?** follows. If the answer is **No**, the process moves to step **125: Determine Probability Candidate Itinerary Will Become Available**. If the answer is **Yes**, it moves to step **130: Determine Duration and Probability Candidate Itinerary will Remain Available**. Both paths (from 125 and 130) lead to step **140: Advise Requestor of the Availability of Candidate Itinerary**, which concludes at the **END** terminal.

Fig. 1

Availability Predictor

You have selected the following itinerary for one person

Selected Airline	Flight Number	Departure Date	Departure City	Departure Time	Arrival City	Arrival Time
American	1665	March 29, 2000	Cincinnati	8:00AM	Dallas/Ft. Worth	9:44AM
American	1422	April 6, 2000	Dallas/Ft. Worth	8:00AM	Dallas/Ft. Worth	12:20PM

These flights are available for booking today for a total cost of \$380.00.

Analysis of booking patterns for these flights indicates the following
Probability these flights will close within the stated time period from today.

2 Days	30%	
4 Days	50%	220
7 Days	80%	

All fares are subject to change at any time and are not
guaranteed until purchased and ticketed.

Fig. 2

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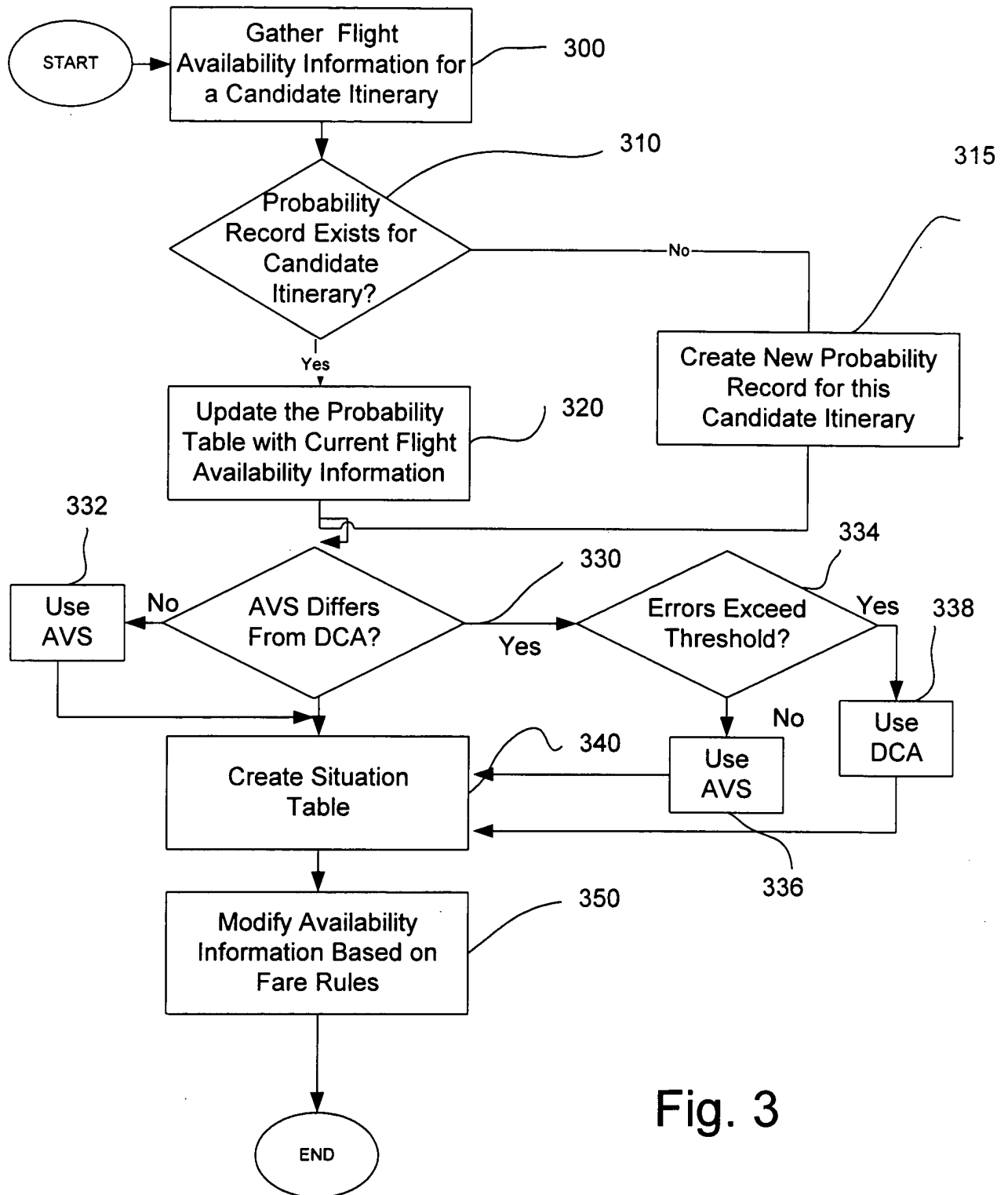


Fig. 3

